

CONTINUATION SHEET	Reference No. of Document Being Continued PIIN/SIIN W56HZV-06-C-0580 MOD/AMD P00001	Page 2 of 6
Name of Offeror or Contractor: PHYSICAL SCIENCES INC.		

SECTION A - SUPPLEMENTAL INFORMATION

PURPOSE OF MODIFICATION: Change name of contracting Officer's Representative and update CDRL information

PREVIOUS NEGOTIATED CONTRACT VALUE: \$729,835.00

NEGOTIATED VALUE THIS ACTION: \$ 0.00

TOTAL NEGOTIATED CONTRACT VALUE: \$729,835.00

PREVIOUS OBLIGATED CONTRACT VALUE: \$729,835.00

OBLIGATED AMOUNT THIS ACTION: \$ 0.00

TOTAL OBLIGATED CONTRACT AMOUNT: \$729,835.00

- The purpose of this unilateral modification P00006 is to change the Contracting Officer's Representaive (COR) from Nancy Truong to Joseph Gothamym.
-
- The contract is modified as follows:

FROM:

F.3.1 All materials / hardware required to be delivered under the contract shall be delivered FOB Destination to the following address:

Commander
U.S. Army TARDEC
ATTN: AMSRD-TR-N (ATTN: Nancy Truong)
6501 E. 11 Mile Road
Warren, MI 48397-5000

TO:

F.3.1 All materials / hardware required to be delivered under the contract shall be delivered FOB Destination to the following address:

Commander
U.S. Army TARDEC
ATTN: AMSRD-TR-N (ATTN: Joseph Gothamym)
6501 E. 11 Mile Road
Warren, MI 48397-5000

Section G FAR Clause 52.242-4016 - Communications is changed to reflect the new COR as follows:

FROM:

Communications on technical matters pertaining to the contract shall be direct between the contractor and the Technical Representative. Communications for the Technical Representative shall be addressed to:

Name: Nancy Truong
E-mail: nancy.truong@us.army.mil

The Administrative Contracting Officer's (ACO) name and email address are also provided if known at this time:

ACO: Susan A. King
E-mail: susan.king@dcma.mil

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Name of Offeror or Contractor: PHYSICAL SCIENCES INC.

Please see the appointment letters prepared at time of contract award for functions the Technical Representative and ACO will perform on this contract.

TO:

Communications on technical matters pertaining to the contract shall be direct between the contractor and the Technical Representative. Communications for the Technical Representative shall be addressed to:

Name: Joseph Gothamym
E-mail: joseph.gothamy@us.army.mil

The Administrative Contracting Officer's (ACO) name and email address are also provided if known at this time:

ACO: Susan A. King
E-mail: susan.king@dcma.mil

Please see the appointment letters prepared at time of contract award for functions the Technical Representative and ACO will perform on this contract.

Section J: CDRLs A001 through A003 have been updated to reflect the new Contracting Officer's Representative, Joseph Gothamym and correct the name of the Contract Specialist.

3. As a result of this modification, the total contract amount has neither increased nor decreased.
4. Except as provided herein, all other terms and conditions of Contract W56HZV-06-C-0580 remain unchanged.

*** END OF NARRATIVE A0001 ***

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SECTION F - DELIVERIES OR PERFORMANCE

- F.1 Period of Performance
- F.1.1 All effort required under this contract, including delivery of the final technical report, shall be completed within twenty-four (24) months after contract award date.
- F.2 Data Deliverables
- F.2.1 Delivery of data set forth in the contract shall be in accordance with the Contract Data Requirements List, DD Form 1423.
- F.3 Material / Hardware Deliverables (if required)
- F.3.1 All materials / hardware required to be delivered under the contract shall be delivered FOB Destination to the following address:
- Commander
U.S. Army TARDEC
ATTN: AMSRD-TR-N (ATTN: Joseph Gothamy)
6501 E. 11 Mile Road
Warren, MI 48397-5000

*** END OF NARRATIVE F0001 ***

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SECTION G - CONTRACT ADMINISTRATION DATA

<u>Status</u>	<u>Regulatory Cite</u>	<u>Title</u>	<u>Date</u>
G-1 CHANGED	52.242-4016	COMMUNICATIONS	MAY/2000

Communications on technical matters pertaining to the contract shall be direct between the contractor and the Technical Representative. Communications for the Technical Representative shall be addressed to:

Name: Joseph Gotham
E-mail: joseph.gothamy@us.army.mil

The Administrative Contracting Officer's (ACO) name and email address are also provided if known at this time:

ACO: Susan A. King
E-mail: susan.king@dcma.mil

Please see the appointment letters prepared at time of contract award for functions the Technical Representative and ACO will perform on this contract.

[End of Clause]

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SECTION J - LIST OF ATTACHMENTS

<u>List of</u> <u>Addenda</u>	<u>Title</u>	<u>Date</u>	<u>Number</u> <u>of Pages</u>	<u>Transmitted By</u>
Exhibit A	CONTRACT DATA ITEMS REQUIREMENTS LIST (DD FORM 1423)		004	

CONTRACT DATA REQUIREMENT LIST

Form Approval OMB No. 0704-0188

Public reporting burden for this collection of information is estimated to average 440 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to Department of Defense, Washington Headquarters Services, Directorate for Information Operations and Reports, 1215 Jefferson Davis Highway, Suite 1204, Arlington, VA 22202-4302, and to the Office of Management and Budget, Paperwork Reduction Project (0704-0188), Washington, DC 20503. Please DO NOT RETURN your form to either these addresses. Send completed form to the Government Issuing Contracting Officer for the Contract/PR No. listed in Block E.

A. CONTRACT LINE ITEM NO.: D. SYSTEM/ITEM: Rapid Road Edge
Detection Based on Biomimetic Image
Processing
E. CONTRACT/PR NO.:W56HZV-06-C-0580
F. CONTRACTOR.....:Physical Sciences Inc

B. EXHIBIT : A
C. CATEGORY.....:

1. DATA ITEM NO.: A001
2. TITLE OF DATA ITEM : Contractor's Progress Status and Management Report
3. SUBTITLE:
4. AUTHORITY: DI-MGMT-80227(T) (see 16a. below)
5. CONTRACT REFERENCE: C.4.1.1
6. REQUIRING OFFICE.: AMSRD-TR-N 9. DIST. STATEMENT REQUIRED: 12. DATE OF FIRST SUB: 90 DAC
7. DD250 REQ: LT 10. FREQUENCY: Quarterly 13. DATE OF SUBS. SUB:
8. APP CODE: N/A 11. AS OF DATE:

14. DISTRIBUTION ADDRESSEES: SUBMIT REPORTS ELECTRONICALLY TO THE E-MAIL ADDRESSES SHOWN IMMEDIATELY BELOW:

JOSEPH GOTHAMY, CONTRACTING OFFICER'S REPRESENTATIVE, E-MAIL: JOSEPH.GOTHAMY@US.ARMY.MIL
SALLY PETROUS, CONTRACT SPECIALIST, E-MAIL: SALLY.PETROUS@US.ARMY.MIL

15. TOTAL:

16. REMARKS:

a. DI-MGMT-80227 is tailored by deleting 10.2, 10.3(j) 10.3(k), and 10.3(l).

17. PRICE GROUP: 18. ESTIMATED TOTAL PRICE:

1. DATA ITEM NO.: A002
2. TITLE OF DATA ITEM : Research and Development (R&D) Project Summary
3. SUBTITLE:
4. AUTHORITY: DI-MISC-81612A (T)
5. CONTRACT REFERENCE: C.4.1.2
6. REQUIRING OFFICE: AMSRD-TAR-N 9. DIST. STATEMENT REQUIRED: 12. DATE OF FIRST SUB: SEE ITEM 16
7. DD250 REQ: DD 10. FREQUENCY: SEE ITEM 16 13. DATE OF SUBS. SUB: SEE ITEM 16
8. APP CODE: A 11. AS OF DATE:

14. DISTRIBUTION ADDRESSEES: SUBMIT REPORTS ELECTRONICALLY TO THE E-MAIL ADDRESSES SHOWN IMMEDIATELY BELOW:

JOSEPH GOTHAMY, CONTRACTING OFFICER'S REPRESENTATIVE, E-MAIL: JOSEPH.GOTHAMY@US.ARMY.MIL
SALLY PETROUS, CONTRACT SPECIALIST, E-MAIL: SALLY.PETROUS@US.ARMY.MIL

15. TOTAL:

16. REMARKS:

a. DID DI-MISC-81612A is tailored by deleting the underlined text as noted in Attachment 002 to the contract.

b. The contractor must submit a publicly releasable SBIR Phase II R&D Project Summary at the end of contract. The summary is an unclassified, non-sensitive, and non-proprietary summation of results that is intended for public viewing on the Army SBIR / STTR Small Business Portal. It should address the Data Item requirements on a summary basis and must not exceed 700 words.

Since the Department of Defense (DOD) will be publishing the summary, it must not contain any proprietary, classified, or ITAR restricted data. The summary must be submitted electronically and be in HTML format.

The Contractor shall deliver one (1) draft "SBIR Phase II R&D Project Summary" twenty-three (23) months after contract award. The COR shall review the draft report and return it to the Contractor within fifteen (15) days of receipt with comments. The Contractor shall submit one (1) final "SBIR Phase II R&D Project Summary" within fifteen (15) days after receipt of draft comments (24 months after contract award).

17. PRICE GROUP: 18. ESTIMATED TOTAL PRICE:

1. DATA ITEM NO.: A003
2. TITLE OF DATA ITEM : SCIENTIFIC AND TECHNICAL REPORT
3. SUBTITLE: DRAFT/FINAL TECHNICAL REPORT

4. AUTHORITY: DI-MISC-80711A(T) (see 16a. below)
5. CONTRACT REFERENCE: C.4.1.3
6. REQUIRING OFFICE: AMSRD-TAR-N 9. DIST. STATEMENT REQUIRED: 12. DATE OF FIRST SUB: SEE ITEM 16
7. DD250 REQ: DD 10. FREQUENCY : SEE ITEM 16 13. DATE OF SUBS. SUB: SEE ITEM 16
8. APP CODE: A 11. AS OF DATE:

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JOSEPH GOTHAMY, CONTRACTING OFFICER'S REPRESENTATIVE, E-MAIL: JOSEPH.GOTHAMY@US.ARMY.MIL
SALLY PETROUS, CONTRACT SPECIALIST, E-MAIL: SALLY.PETROUS@US.ARMY.MIL

15. TOTAL:

16. REMARKS:

a. DI-MISC-80711A is tailored by deleting 10.2. The contractor shall prepare and submit a Operation and Maintenance Instructions Manual for the digital signal processor (DSP), the Driver Vision Enhancer (DVE), Driver Vehicle Interface (DVI), long wave length infrared (LWIR) Camera, and laser/radar scanner. These Operation and Maintenance Instructions Manuals shall be submitted as attachments to the Final Scientific and Technical Report

b. The Draft of the Final Technical Report shall be delivered 22 months after date of contract award. The draft report shall include a completed Standard Form (SF) 298 (Report Documentation Page) as the report's cover sheet. The Government will review and respond within 30 days of receipt. The contractor shall submit the Final Technical Report (with the completed SF 298) within 30 days after receipt of draft comments/approval.

c. You may download the SF 298 form, from the following internet address:

<http://www.dtic.mil/dtic/forms/sf298template.doc>

Instructions for completing the SF 298 are provided in Attachment 001 to the contract.

Here are some additional instructions for completing the SF 298 form that apply when submitting reports under the SBIR Program:

For each unclassified report, the Contractor shall fill in Block 12a (Distribution/Availability Statement) of the SF 298 with one of the following statements:

(a) Approved for public release; distribution unlimited.

(b) Distribution authorized to U.S. Government Agencies only; contains proprietary information

Note: After reviewing the Contractor's entry in Block 12a, TARDEC has final responsibility for assigning a distribution statement. The

contractor shall mark the actual report itself in accordance with the appropriate legends set forth in DFARS 252.227-7018, "RIGHTS IN NONCOMMERCIAL TECHNICAL DATA AND COMPUTER SOFTWARE -- SMALL BUSINESS INNOVATIVE RESEARCH (SBIR) PROGRAM".

Block 13 (Abstract) of the SF 298 must include the first sentence, "Report developed under SBIR contract for topic (insert topic number)." The abstract must identify the purpose of the work and briefly describe the work carried out, the finding or results, and the potential applications of the effort. Since the Department of Defense (DOD) will be publishing the abstract, it must not contain any proprietary or classified data.

Block 14 (Subject Terms) of the SF 298 must include the term "SBIR Report."

17. PRICE GROUP: 18. ESTIMATED TOTAL PRICE:

1. DATA ITEM NO.: A004
2. TITLE OF DATA ITEM : CONFERENCE/MEETING MINUTES
3. SUBTITLE: MINUTES FROM START OF WORK MEETING, PROGRESS REVIEW, AND FINAL PROGRAM REVIEW

4. AUTHORITY: DI-ADMN-81250A (See Block 16 below)
5. CONTRACT REFERENCE: C.4.1.4
6. REQUIRING OFFICE : AMSRD-TAR-N 9. DIST. STATEMENT REQUIRED: 12. DATE OF FIRST SUB: Blk 16
7. DD250 REQ LT 10. FREQUENCY : Blk 16 13. DATE OF SUBS. SUB: Blk 16

8. APP CODE : N/A 11. AS OF DATE: Blk 16

14. DISTRIBUTION ADDRESSEES: SUBMIT REPORTS ELECTRONICALLY TO THE E-MAIL ADDRESSES SHOWN IMMEDIATELY BELOW:

NANCY TRUONG, CONTRACTING OFFICER'S REPRESENTATIVE, E-MAIL: TRUONGN@TACOM.ARMY.MIL
SALLY PETROUS, CONTRACT SPECIALIST, E-MAIL: PETROUSS@TACOM.ARMY.MIL

15. TOTAL:

16. REMARKS:

a. Complete minutes in accordance with (IAW) Data Item Description (DID) DI-MGMT-81250A, Conference Minutes. For instructions on completing the required report, see DI-ADMN-81250A at the following internet address:
<http://assist.daps.dla.mil/docimages/0001/73/96/81250A.PD2>. Tailoring Notes: N/A.

b. The contractor shall deliver meeting/conference minutes NLT 10 workdays after each scheduled meeting. The minutes shall summarize what was presented, discussions, and action items. The minutes shall also include copies of any briefing charts or other presentation materials made during the meeting/review. The COR is responsible for accepting or rejecting meeting minutes.

17. PRICE GROUP: 18. ESTIMATED TOTAL PRICE:

1. DATA ITEM NO.: A005
2. TITLE OF DATA ITEM : TEST PLAN
3. SUBTITLE: Test and Evaluation Program Plan

4. AUTHORITY: DI-NDTI-80566
5. CONTRACT REFERENCE: C.4.1.5
6. REQUIRING OFFICE : AMSRD-TAR-N 9. DIST. STATEMENT REQUIRED: 12. DATE OF FIRST SUB: Blk 16
7. DD250 REQ LT 10. FREQUENCY : Blk 16 13. DATE OF SUBS. SUB: Blk 16

8. APP CODE : N/A 11. AS OF DATE: Blk 16

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NANCY TRUONG, CONTRACTING OFFICER'S REPRESENTATIVE, E-MAIL: TRUONGN@TACOM.ARMY.MIL
SALLY PETROUS, CONTRACT SPECIALIST, E-MAIL: PETROUSS@TACOM.ARMY.MIL

15. TOTAL:

16. REMARKS:

a. Complete test plan in accordance with (IAW) Data Item Description (DID) DI-NDTI-80566, Test Plan. For instructions on completing the required report, see DI-NDTI-80566 at the following internet address:

http://assist.daps.dla.mil/quicksearch/basic_profile.cfm?ident_number=205041. Tailoring Notes: N/A.

b. The contractor shall deliver test plan NLT 15 workdays prior to scheduled testing.

17. PRICE GROUP:

18. ESTIMATED TOTAL PRICE:

***** THE FOLLOWING INSTRUCTION APPLIES TO ALL REPORTS DELIVERABLE UNDER THE CONTRACT *****

Prepare the reports in Contractor format. Submit the reports using any of the following electronic formats:

(1) Files readable using these Microsoft* Office XP or Microsoft* Office 2002 & lower Products: Word, Excel, PowerPoint, or Access. Spreadsheets must be sent in a file format that includes all formulae, macro and format information. Print or scan images of spreadsheets are not acceptable. Please see security note below for caution regarding use of macros.

(2) Files in Adobe PDF (Portable Document Format). When scanning documents, scanner should be set to 200 dots per inch.

(3) Files in HTML (Hypertext Markup Language) Format. HTML documents must not contain active links to Internet websites or web pages for reference information. All linked information must be contained within your electronic report, and be accessible offline.

(4) Other electronic formats. Before preparing your report in any other electronic format, please e-mail the COR, with an e-mail copy-furnished to amsta-idg@tacom.army.mil, to obtain a decision as to the format's acceptability. This e-mail must be received by the COR not later than ten (10) calendar days before the draft report's due date. All alternate methods must be at no cost to the Government.

(5) Please note that we can no longer accept .zip files due to increasing security concerns.

NOTE. Macros: The virus scanning software used by our e-mail systems cannot always distinguish a macro from a virus. Therefore, sending a macro embedded in an e-mail message or an e-mail attachment may cause the e-mail report to be quarantined.

d. Acceptable media: The Contractor shall submit reports via e-mail. If e-mail is not workable, another acceptable media is a 650 megabyte CD ROM. Identify the software application and version used to create each file submitted.

(1) E-MAIL. Maximum size of each e-mail message shall be three and one-half (3.5) megabytes. Previously "zipped" files were accepted, but due to security concerns these zipped attachments cannot be received through our mail system. You may use multiple e-mail messages if necessary, however, you must annotate the subject lines in this manner: "Message 1 of 3, 2 of 3, 3 of 3."

(2) 650 MEGABYTE CD ROM to be delivered via U.S. Mail or other carrier. The Contractor shall label all submitted disks with the Contract number, the Contractor's name and address, and a contact's phone number. Exterior mailing envelopes containing disks must be addressed to the following address:

Nancy Truong, AMSTA- TR-N
U.S. Army TACOM Life Cycle Management Command (TACOM LCMC)
6501 East 11 Mile Road
Warren, MI 48397-5000

NOTE: Please select only one type of electronic media to transmit each report. For instance, do not submit a report via e-mail and CD-ROM.

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